

INTERNATIONAL SEARCH REPORT

International Application No

PCT/SE 03/01996

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B01J19/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01J H05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 02 052279 A (ULIN JOHAN ;PERSONAL CHEMISTRY I UPPSALA A (SE)) 4 July 2002 (2002-07-04) abstract page 6 -page 7; figures 3-5	1-15
Y	DE 196 12 265 A (INFOCHROMA AG ;GLASTECHNIK GRAEFENRODA GMBH (DE)) 14 November 1996 (1996-11-14) abstract column 1, line 1 - line 36 column 2, line 43 - line 68 column 3, line 10 - line 45; figure 1	1-15
Y	JP 61 033657 A (SHIBATA HARIO GLASS KK) 17 February 1986 (1986-02-17) the whole document	1-15

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- * & * document member of the same patent family

Date of the actual completion of the international search

15 March 2004

Date of mailing of the international search report

31/03/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 197 44 940 A (UMEX GES FUER UMWELTBERATUNG U) 3 September 1998 (1998-09-03) abstract column 2, line 21 - line 23 column 3, line 25 - line 34; figure 5 ----	1-15
A	WO 02 089974 A (JENNINGS WILLIAM EDWARD ;THOMAS JAMES EDWARD (US); CEM CORP (US);) 14 November 2002 (2002-11-14) abstract page 17, line 8 -page 18, line 2; figure 11 page 18, line 3 - line 20; figure 12 -----	1-15
A	US 5 264 185 A (FLOYD TERRY S) 23 November 1993 (1993-11-23) the whole document -----	1-15

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/SE 03/01996

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 02052279	A	04-07-2002	CA 2431703 A1 EE 200300292 A EP 1344067 A2 NO 20032857 A WO 02052279 A2 US 2002090736 A1	04-07-2002 15-10-2003 17-09-2003 22-08-2003 04-07-2002 11-07-2002
DE 19612265	A	14-11-1996	DE 19612265 A1	14-11-1996
JP 61033657	A	17-02-1986	JP 1017373 B JP 1535835 C	30-03-1989 21-12-1989
DE 19744940	A	03-09-1998	DE 19744940 A1 WO 9837962 A1	03-09-1998 03-09-1998
WO 02089974	A	14-11-2002	US 2003170149 A1 CA 2435138 A1 EP 1358007 A1 WO 02089974 A1	11-09-2003 14-11-2002 05-11-2003 14-11-2002
US 5264185	A	23-11-1993	US 4904450 A US 5204065 A EP 0385759 A2	27-02-1990 20-04-1993 05-09-1990